

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-043-20233

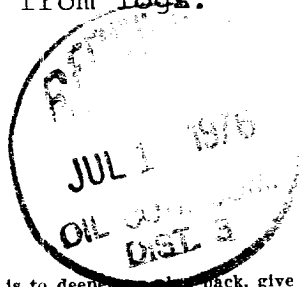
## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM 4954
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Filon Exploration Corporation		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR c/o Minerals Management, Inc. 501 Airport Dr., Suite 105, Farmington, N.M. 87401		8. FARM OR LEASE NAME Federal 22
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 660' FSL, 1650' FWL, SEC. 22, T21N, R5W At proposed prod. zone		9. WELL NO. 1
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 13 miles S/SW of Counselors Trading Post, N.M.		10. FIELD AND POOL, OR WILDCAT Wildcat <i>Entrada</i>
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 22, T21N, R5W
16. NO. OF ACRES IN LEASE 1920		12. COUNTY OR PARISH Sandoval
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		13. STATE N.M.
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. -		20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7299' GR		22. APPROX. DATE WORK WILL START* Sept. 9, 1976

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	10 3/4"	40.50#	200'	200 sx
8 3/4"	7"	23-26#	6850'	500-700 sx
6 1/4"	4 1/2"	10.50#	7100'	50 sx

Operator proposes to drill a Jurassic test to 7100'. A low solids mud will be used to drill 8 3/4" hole. If casing is run, a liner will be set from TD with 150' overlap inside of 7" casing. A Series 900, 3000 psi WP BOP will be used. Completion data will be determined from logs.



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED J. Arnold Smith TITLE Area Manager  
Minerals Management, Inc. DATE July 7, 1976  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:*Chal**W*

\*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

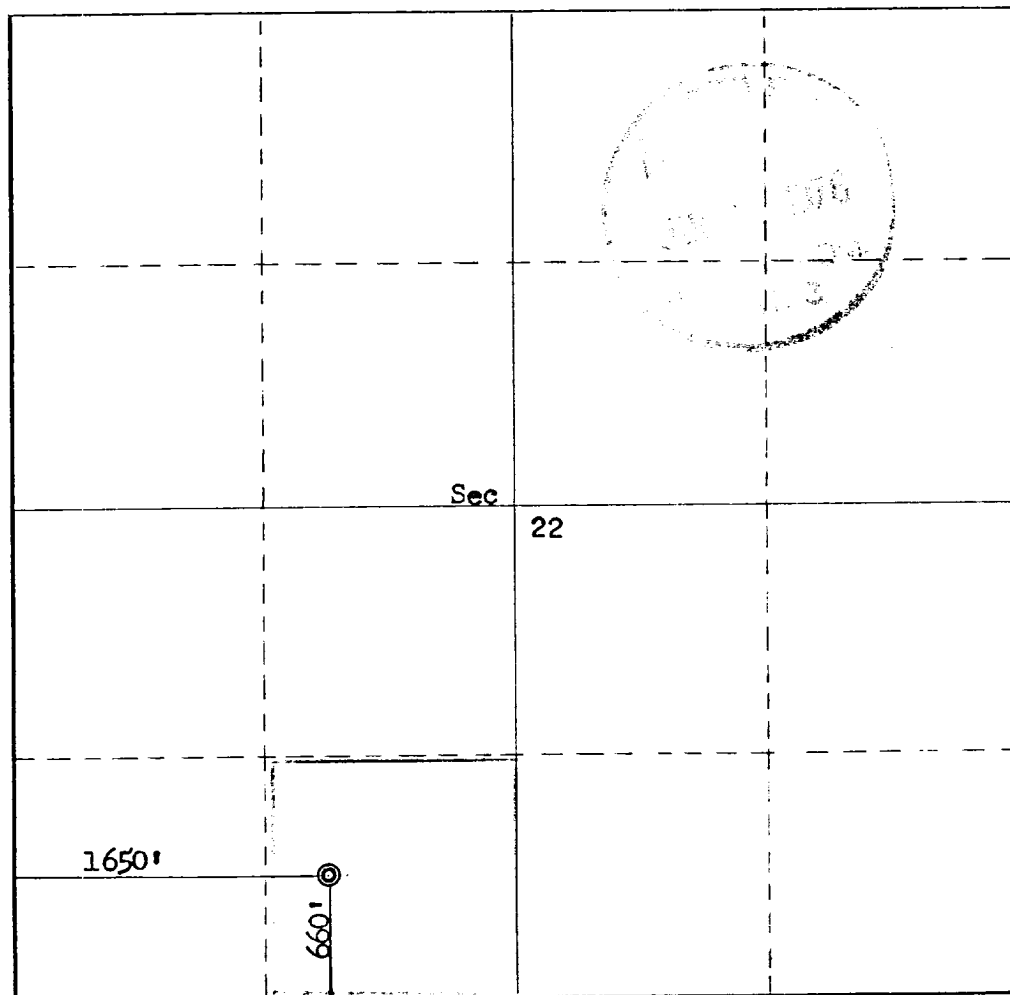
Operator <b>Filon Exploration Company</b>			Lease <b>Federal 22</b>		Well No. <b>1</b>
Unit Letter <b>N</b>	Section <b>22</b>	Township <b>21N</b>	Range <b>5W</b>	County <b>Sandoval</b>	
Actual Footage Location of Well: <b>660</b> feet from the <b>South</b> line and <b>1650</b> feet from the <b>West</b> line					
Ground Level Elev. <b>7299</b>	Producing Formation <b>Entrada</b>	Pool <b>Wildcat</b>	Dedicated Acreage: <b>40</b> Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name J. Arnold Shell  
Position  
**Area Manager**  
Company  
**Minerals Management, Inc.**  
Date  
**July 7, 1976**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
**June 30, 1976**  
Registered Professional Engineer and/or Land Survey  
Fred B. Kerr Jr  
**Fred B. Kerr Jr**  
Certificate No.  
**3950**

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600



MINERALS MANAGEMENT INCORPORATED  
A Division of SCIENTIFIC SOFTWARE CORPORATION

July 7, 1976

DEVELOPMENT PLAN FOR SURFACE USE

FILON EXPLORATION CORPORATION

FEDERAL 22 WELL NO. 1

660' FSL, 1650' FWL, SEC. 22, T21N, R5W

SANDOVAL COUNTY, NEW MEXICO

1. Existing Roads

The main road is from Counselors Trading Post, to Ojo Encino School.

2. Planned Access Road

As shown on the topographic map. Approximately 1/2 mile of road will require improvement and 1400' of new road will need to be constructed. Road to be ditched as required and new road will be 20' wide. Area is sandy and has sparse vegetation and sagebrush.

3. Location of Existing Wells

None

4. Location of Tank Batteries & Flowlines

Will be initially on location pad.

5. Location & Type of Water Supply

To be hauled from BLM's Encino Water Supply Well.

6. Source of Construction Materials

Not applicable.

7. Method of Handling Waste Material

Waste material will be buried in the reserve pit on completion of well. Toilet facilities will be provided. Reserve pit will be backfilled.

8. Ancillary Facilities

No camps or airstrips will be used.

9. Wellsite Layout

See attached diagram. (See other information #11).

10. Plans for Restoration of Surface

Will be restored in accordance with current Bureau of Land Management specifications.

11. Other Information

The topography of the area in the vicinity of the well and roads is a gently sloping sandy soil covered with sagebrush and sparse vegetation. Approximately 3' cut will be required at location site.

12. Operator's Representative

Minerals Management, Inc., 501 Airport Dr., Suite 105,  
Farmington, New Mexico 87401.

13. Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Filon Exploration Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

July 7, 1976  
Date

J. Arnold Juel  
Name and Title

Minerals Management, Inc.  
Company

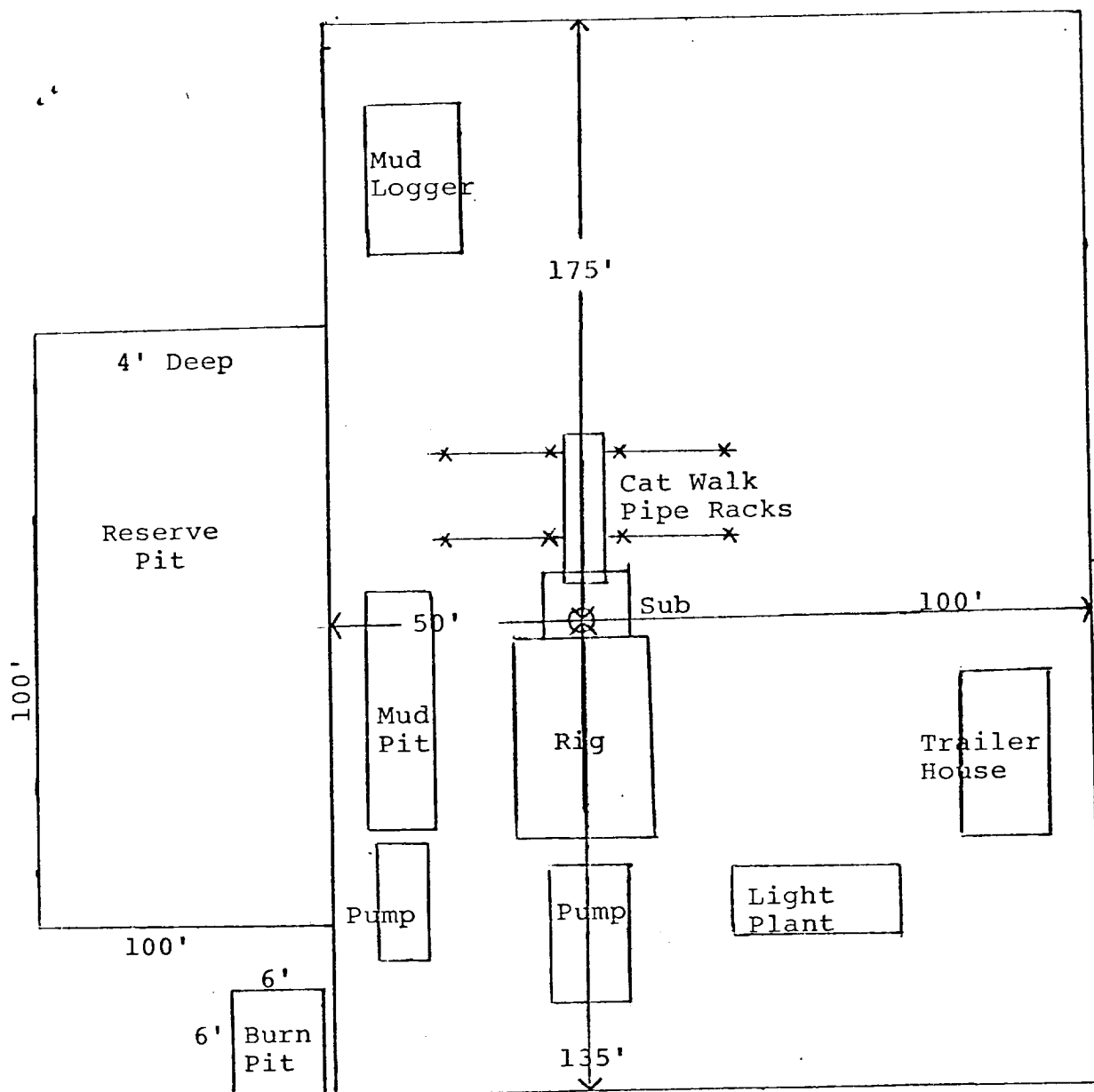


DIAGRAM OF WELL LOCATION  
AND DRILLING RIG LAYOUT

